

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1516	148/422.ccls. 420/427.ccls. 204/298.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L2	471946	(Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L3	1874738	phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L4	480	L1 and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L5	152	L1 and L2 and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L6	78726	single adj4 phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L7	23	L1 and L2 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L8	4	("6559593" "6482302" "6723187" "20030132108").PN.	US-PGPUB; USPAT	OR	ON	2004/11/30 11:47
L9	1516	148/422.ccls. 420/427.ccls. 204/298.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L10	471946	(Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47

L11	480	L9 and L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L12	1874738	phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L13	152	L9 and L10 and L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L14	78726	single adj4 phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L15	23	L9 and L10 and L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L16	1516	148/422.ccls. 420/427.ccls. 204/298.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L17	471946	(Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L18	480	L16 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L19	1874738	phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L20	152	L16 and L17 and L19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47

L21	78726	single adj4 phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L22	1516	148/422.ccls. 420/427.ccls. 204/298.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L23	471946	(Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L24	480	L22 and L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L25	1874738	phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L26	152	L22 and L23 and L25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L27	78726	single adj4 phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L28	23	L16 and L17 and L21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L29	4	("6559593" "6482302" "6723187" "20030132108").PN.	US-PGPUB; USPAT	OR	ON	2004/11/30 11:47
L30	23	L22 and L23 and L27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L31	197491	sputter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47

L32	36434	L17 and L31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L33	4898867	film layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L34	35478	L17 and L31 and L33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L35	108124	"148"/\$.ccls. "420"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L36	1090	L17 and L31 and L33 and L35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L37	219246	"148"/\$.ccls. "420"/\$.ccls. "204"/\$. ccls. "205"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L38	3861	L17 and L31 and L33 and L37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L39	8727	((Ta tantalum) adj3 (film layer)) and sputter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L40	912	((Ta tantalum) adj5 target)and ((Ta tantalum) adj3 (film layer)) and sputter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L41	1516	148/422.ccls. 420/427.ccls. 204/298.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47

L42	471946	(Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L43	480	L41 and L42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L44	1874738	phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L45	152	L41 and L42 and L44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L46	78726	single adj4 phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L47	1516	148/422.ccls. 420/427.ccls. 204/298.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L48	471946	(Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L49	480	L47 and L48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L50	1874738	phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L51	152	L47 and L48 and L50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47

L52	78726	single adj4 phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L53	1516	148/422.ccls. 420/427.ccls. 204/298.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L54	471946	(Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L55	480	L53 and L54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L56	1874738	phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L57	152	L53 and L54 and L56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L58	78726	single adj4 phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L59	1516	148/422.ccls. 420/427.ccls. 204/298.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L60	471946	(Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L61	480	L59 and L60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47



L62	1874738	phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L63	152	L59 and L60 and L62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L64	78726	single adj4 phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L65	197491	sputter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L66	36434	L54 and L65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L67	4898867	film layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L68	35478	L54 and L65 and L67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L69	108124	"148"/\$.ccls. "420"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L70	1090	L54 and L65 and L67 and L69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L71	219246	"148"/\$.ccls. "420"/\$.ccls. "204"/\$. ccls. "205"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47

L72	3861	L54 and L65 and L67 and L71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L73	8727	((Ta tantalum) adj3 (film layer)) and sputter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L74	23	L41 and L42 and L46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L75	4	("6559593" "6482302" "6723187" "20030132108").PN.	US-PGPUB; USPAT	OR	ON	2004/11/30 11:47
L76	23	L47 and L48 and L52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L77	23	L53 and L54 and L58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L78	4	("6559593" "6482302" "6723187" "20030132108").PN.	US-PGPUB; USPAT	OR	ON	2004/11/30 11:47
L79	23	L59 and L60 and L64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L80	912	((Ta tantalum) adj5 target)and ((Ta tantalum) adj3 (film layer)) and sputter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L81	463851	(lithium Li Na sodium K potassium Rb rubidium Cs cesium Fr francium V vanadium Nb niobium Cr chromium Mo molybdenum W tungsten Fe iron Ru ruthenium Os osium Co cobalt Rh rhodium Ir iridium Ni nickel Pd palladium Pt platinum) and (Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L82	903	L80 and L81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47



L83	158351	(film layer) and ((lithium Li Na sodium K potassium Rb rubidium Cs cesium Fr francium V vanadium Nb niobium Cr chromium Mo molybdenum W tungsten Fe iron Ru ruthenium Os osium Co cobalt Rh rhodium Ir iridium Ni nickel Pd palladium Pt platinum) and (Ta tantalum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L84	76488	(film layer) same ((lithium Li Na sodium K potassium Rb rubidium Cs cesium Fr francium V vanadium Nb niobium Cr chromium Mo molybdenum W tungsten Fe iron Ru ruthenium Os osium Co cobalt Rh rhodium Ir iridium Ni nickel Pd palladium Pt platinum) same (Ta tantalum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 11:47
L85	93361	(film layer) same(Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 12:42

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	912	((Ta tantalum) adj5 target)and ((Ta tantalum) adj3 (film layer)) and sputter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 15:23
L2	324229	(V vanadium Nb niobium) and (Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 15:21
L4	478	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 15:21
L5	200582	(V vanadium Nb niobium) same (Ta tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 15:21
L6	268	1 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 15:22
L7	18772	sputter\$3 adj2 target	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 15:23
L8	2234	5 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 15:23